

Module #3

WIRING DIAGRAMS & TROUBLESHOOTING WORKFLOW

From diagrams to diagnostic: mastering troubleshooting logic

- Audience: Intermediate-level techs responsible for diagnostics or system management
- Level: Intermediate
- Prerequisite: Module #1 (or basic electrical knowledge)
- Duration: 2 hours
- Location: At your facility, at the OEM plant, or online (webinar)

Curriculum

Wiring diagrams

- Reading and interpreting wiring diagrams
- Locating and decoding wire colors, symbols, and circuit paths
- Finding key reference points in documentation

How to leverage Bluetooth diagnostic tool

- Using VisionPlex App to verify logic
- Viewing live states, inputs, and outputs
- Requirements for remote diagnostic support

Troubleshoot case study (Scene Light)

- Applying diagram tracing to a real component
- Following signal path from switch to module to load
- Isolating failures through logical steps

Requirement for remote diagnostic support

- Info needed for Customer Care remote support
- Photos, VIN, module version, and symptom description
- Connectivity and app prerequisites

Key Takeaways

Participants will gain the ability to interpret wiring diagrams with confidence and follow a structured troubleshooting method from symptom to root cause. They will understand how to use VisionPlex and related diagnostic tools to validate system logic, support remote assistance, and resolve issues more efficiently.

This skillset improves diagnostic accuracy and reduces time spent isolating electrical faults.



Official certification
at the end of the session.

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Make the right call.**

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Course content and curriculum are subject to change without notice and may be customized based on customer requirements. This module may be delivered individually or combined with other modules as part of a customized training program. For more information, please contact your Customer Care Specialist.

Demers Ambulances, Crestline Ambulances Customer Care Training Program
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